

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
 Data File : BN015603.D
 Acq On : 16 Jul 2021 19:23
 Operator : CG/JU
 Sample : M2914-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBK44

Manual Integrations
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Quant Time: Jul 17 00:19:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 16 15:41:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2305	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.578	136	8332	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.428	164	4877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9594	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.375	240	8167	0.400	ng/ul	# 0.00
23) Perylene-d12	23.719	264	7675	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	7755	2.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	1013	0.077	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	2391	0.089	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	648	0.024	ng/ul#	41
7) 2-Methylnaphthalene	12.245	142	429	0.025	ng/ul	87
10) Acenaphthylene	14.145	152	571	0.023	ng/ul#	77
11) Acenaphthene	14.488	153	390	0.020	ng/ul#	91
12) Fluorene	15.478	166	635	0.030	ng/ul#	49
14) Pentachlorophenol	16.833	266	94	0.044	ng/ul#	82
15) Phenanthrene	17.217	178	1651	0.047	ng/ul#	1
16) Anthracene	17.310	178	1039	0.034	ng/ul#	48
19) Fluoranthene	19.243	202	1550	0.041	ng/ul#	1
20) Pyrene	19.606	202	1101m	0.029	ng/ul	
21) Benzo(a)anthracene	21.354	228	1270	0.042	ng/ul#	57
22) Chrysene	21.410	228	1075	0.030	ng/ul#	70
24) Benzo(b)fluoranthene	23.009	252	865	0.024	ng/ul#	1
25) Benzo(k)fluoranthene	23.052	252	834	0.021	ng/ul#	1
26) Benzo(a)pyrene	23.614	252	770	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.146	276	1451	0.040	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.152	278	2278	0.080	ng/ul#	57
29) Benzo(g,h,i)perylene	26.870	276	1387	0.041	ng/ul#	17

(#) = qualifier out of range (m) = manual integration (+) = signals summed

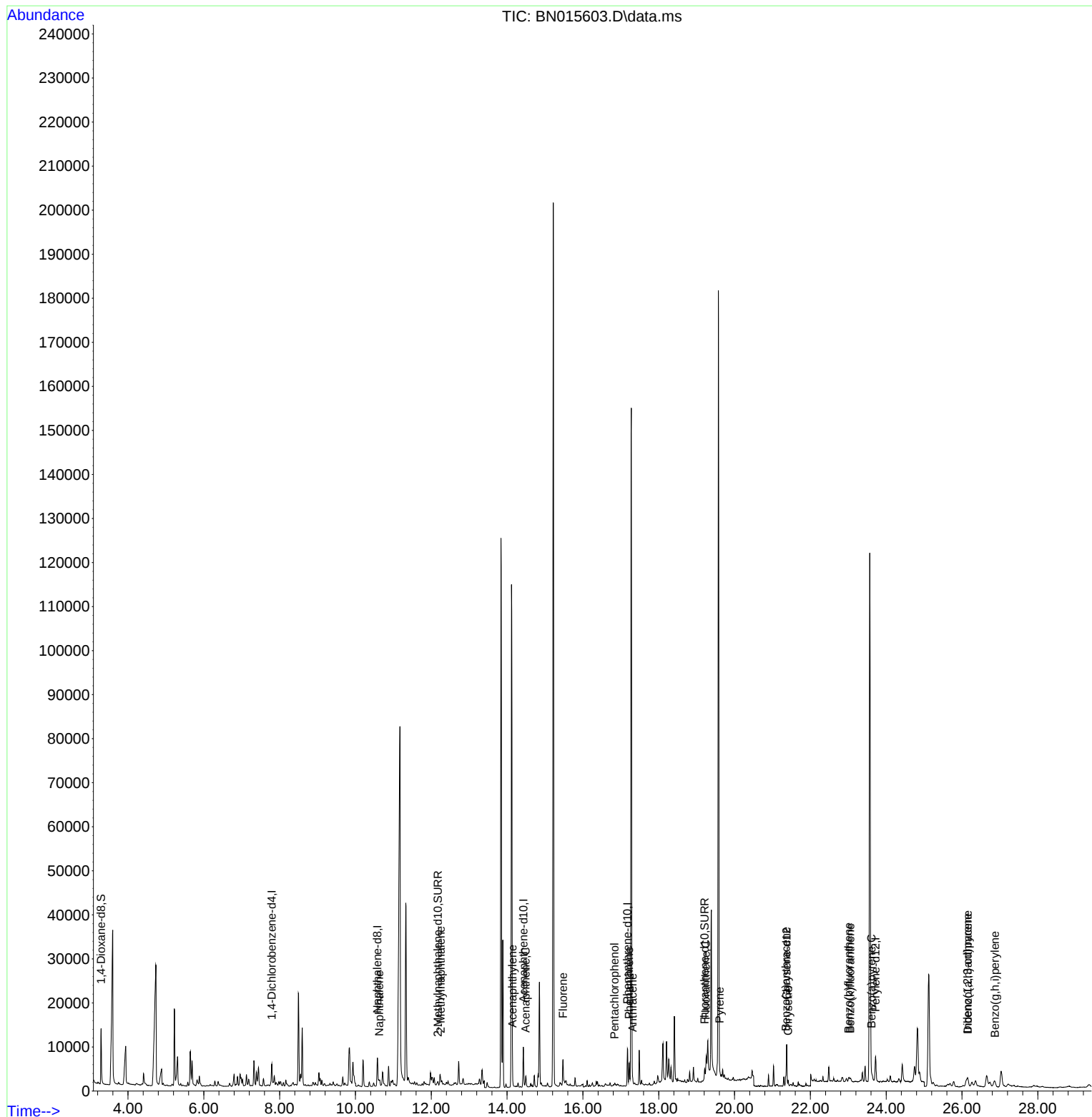
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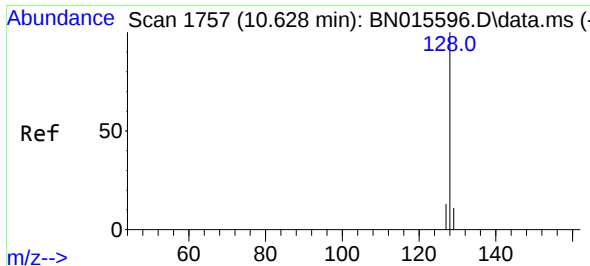
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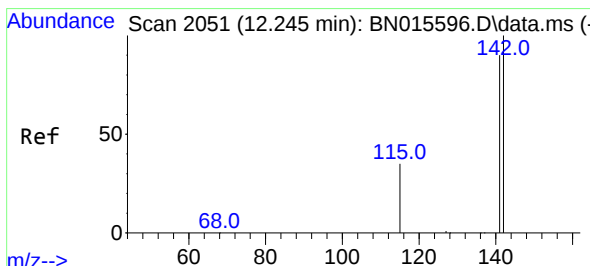
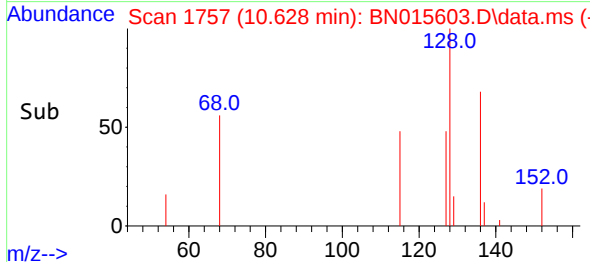
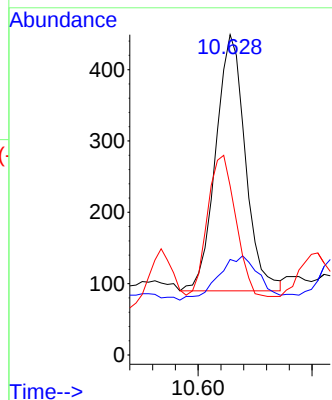
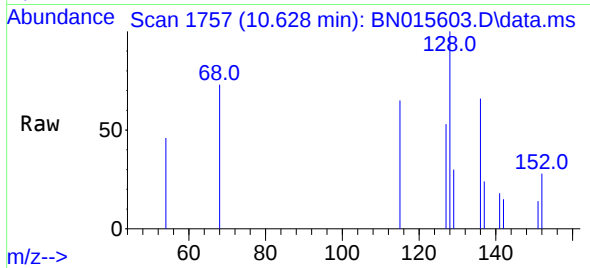
#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:	128	Resp:	648
Ion Ratio	Lower	Upper	
128	100		
129	29.8	10.9	16.3#
127	52.8	15.7	23.5#

Instrument :
BNA_N
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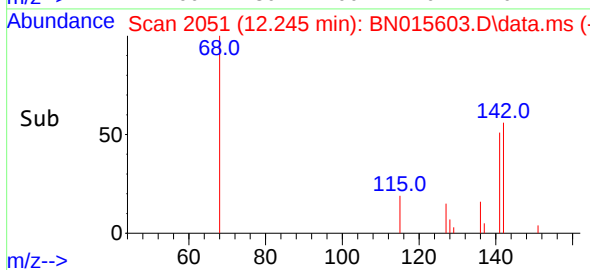
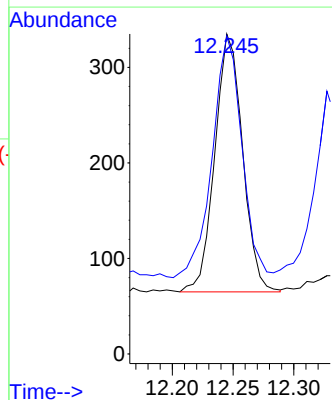
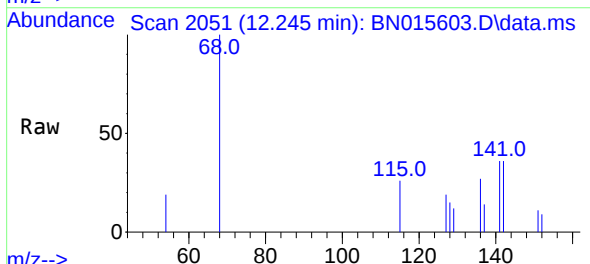
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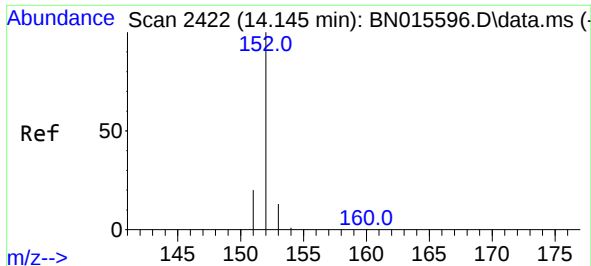
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#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.245 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:	142	Resp:	429
Ion Ratio	Lower	Upper	
142	100		
141	99.8	70.2	105.2





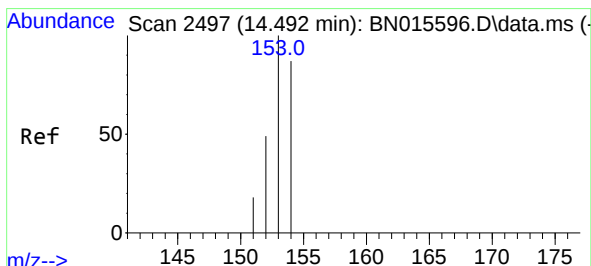
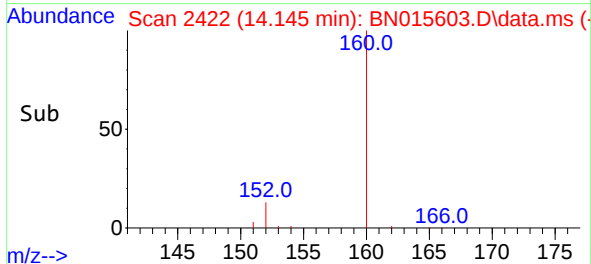
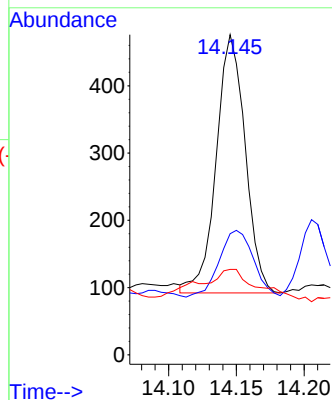
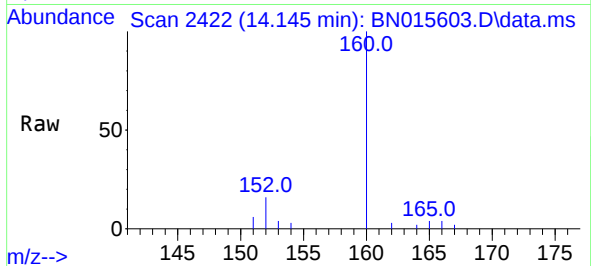
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Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.145 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:152 Resp: 571
Ion Ratio Lower Upper
152 100
151 37.8 20.2 30.4#
153 26.7 14.2 21.4#

Instrument :
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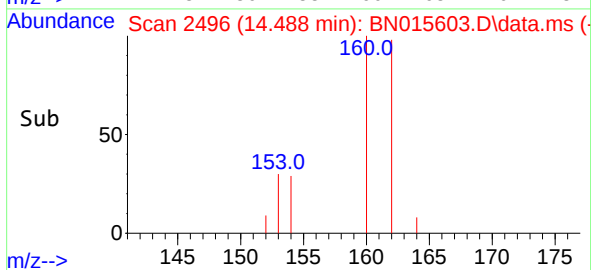
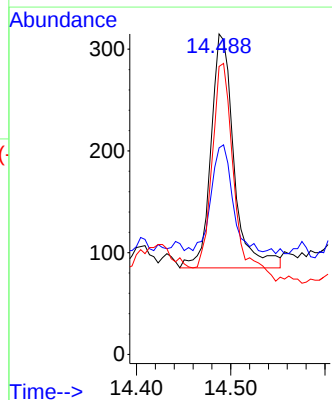
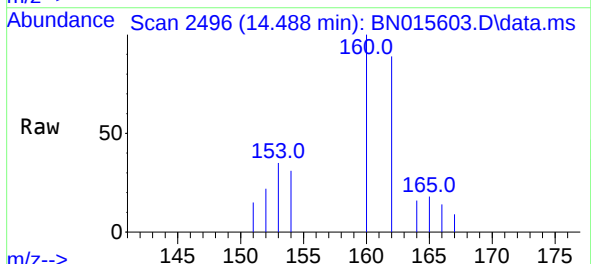
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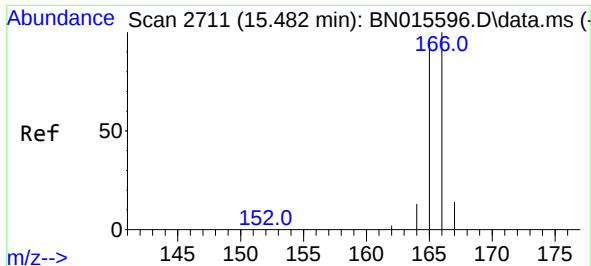
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#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:153 Resp: 390
Ion Ratio Lower Upper
153 100
152 64.4 39.7 59.5#
154 89.8 71.0 106.4





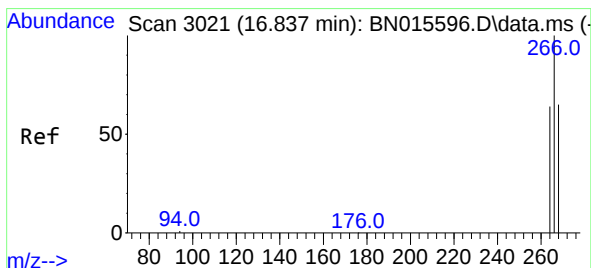
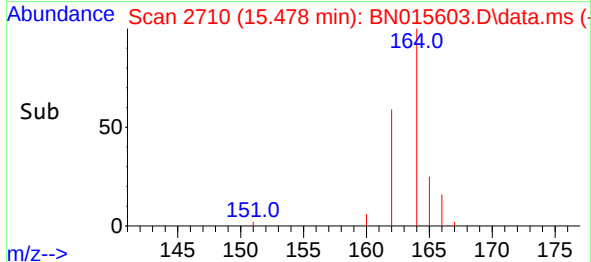
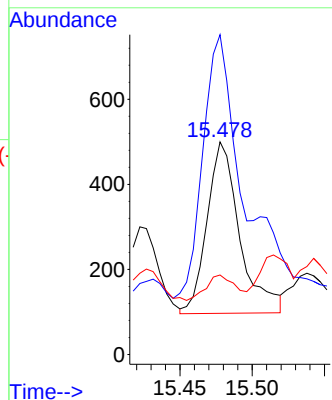
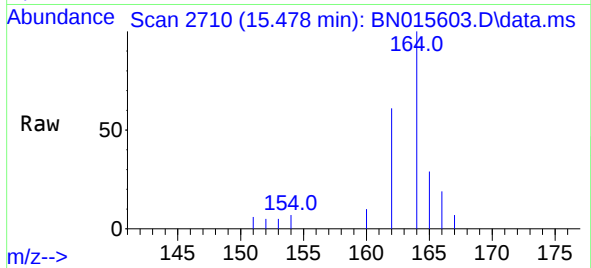
#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.478 min Scan# 2710
Delta R.T. -0.005 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:	166	Resp:	635
Ion	Ratio	Lower	Upper
166	100		
165	150.4	79.3	118.9#
167	37.4	13.8	20.6#

Instrument :
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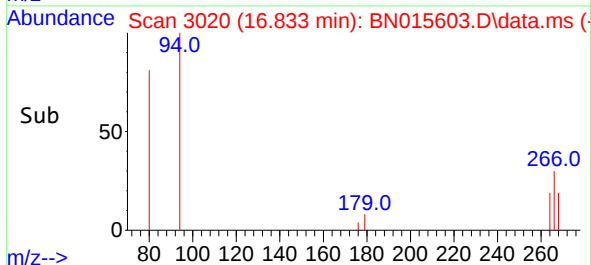
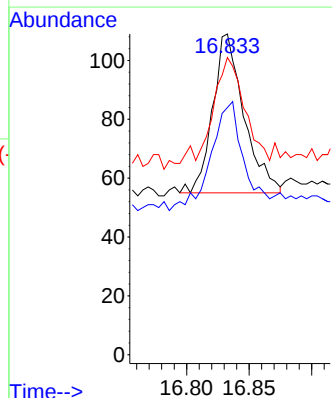
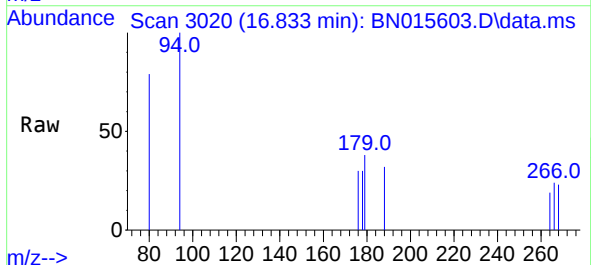
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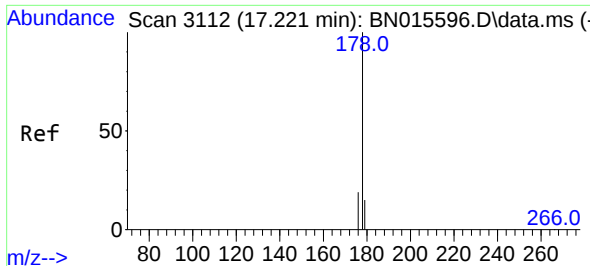
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#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

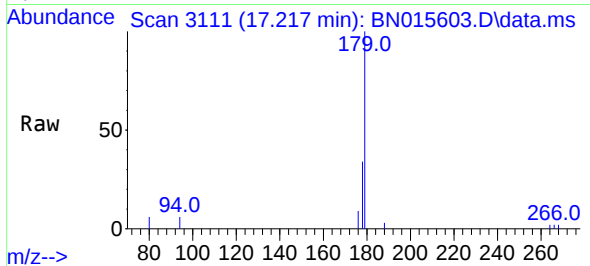
Tgt Ion:	266	Resp:	94
Ion	Ratio	Lower	Upper
266	100		
264	85.1	52.9	79.3#
268	62.8	59.4	89.0





#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

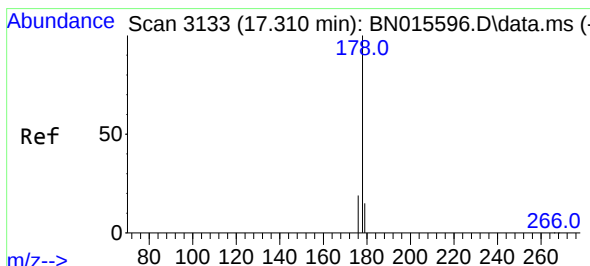
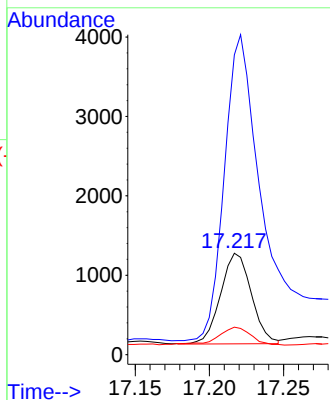
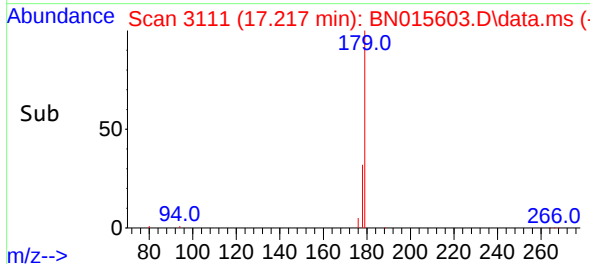
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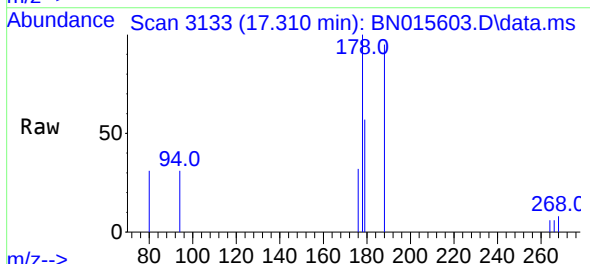
Tgt Ion:178 Resp: 1651
Ion Ratio Lower Upper
178 100
179 295.5 13.8 20.6#
176 27.1 16.2 24.4#

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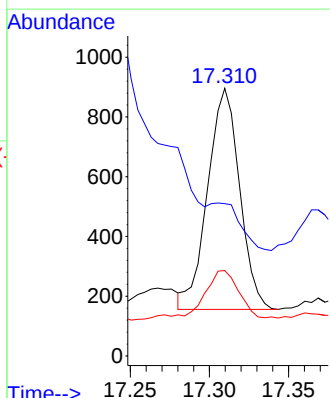
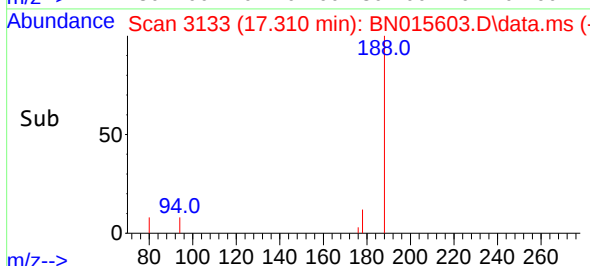
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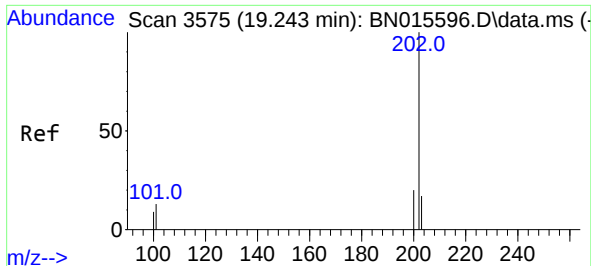


#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23



Tgt Ion:178 Resp: 1039
Ion Ratio Lower Upper
178 100
179 56.9 14.3 21.5#
176 31.9 17.1 25.7#





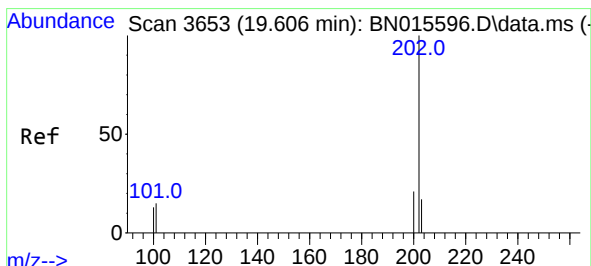
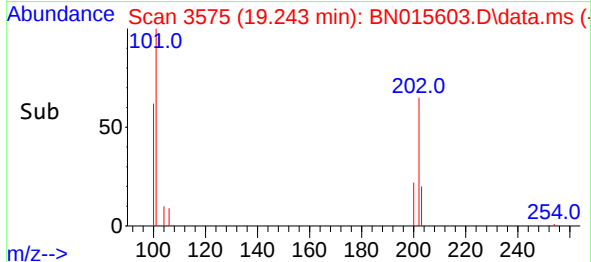
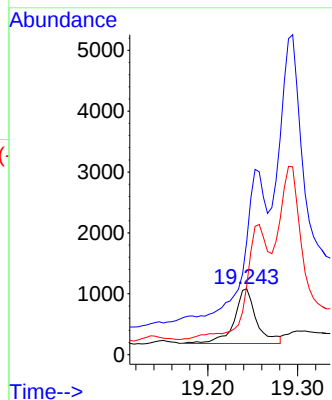
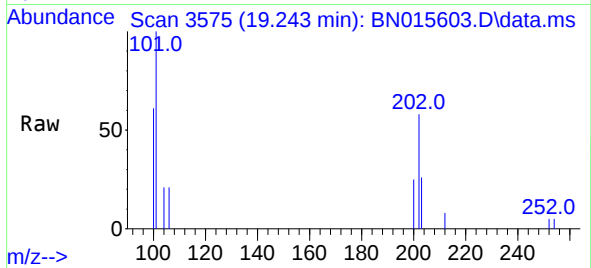
#19
Fluoranthene
Concen: 0.041 ng/ul
RT: 19.243 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:	202	Resp:	1550
Ion Ratio	Lower	Upper	
202	100		
101	172.6	7.6	11.4#
100	105.1	5.9	8.9#

Instrument :
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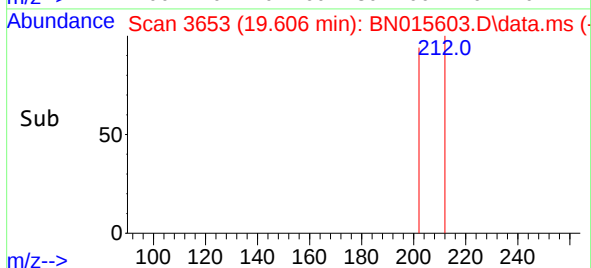
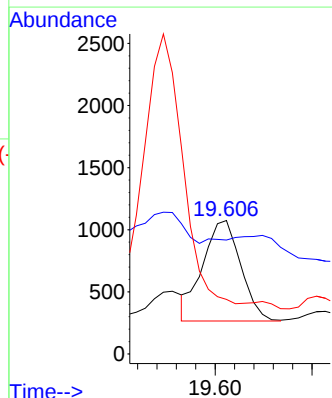
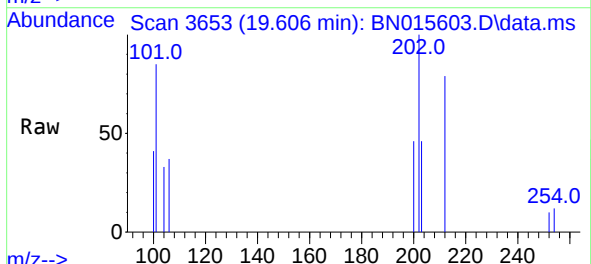
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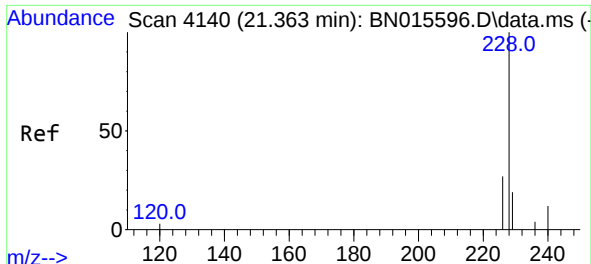
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#20
Pyrene
Concen: 0.029 ng/ul m
RT: 19.606 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:	202	Resp:	1101
Ion Ratio	Lower	Upper	
202	100		
101	85.3	8.5	12.7#
100	40.8	7.4	11.2#





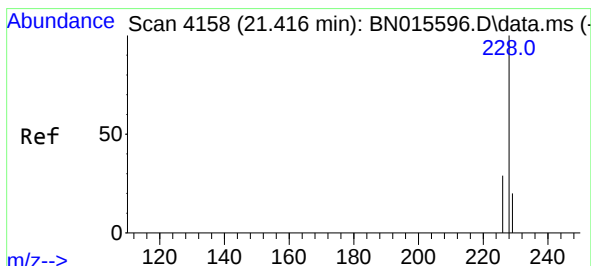
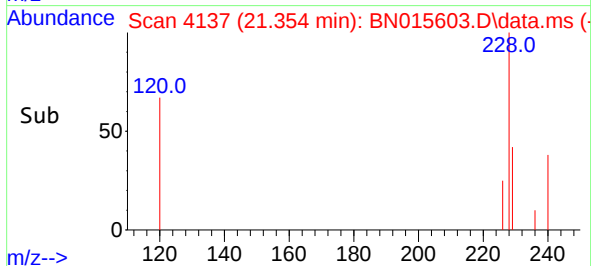
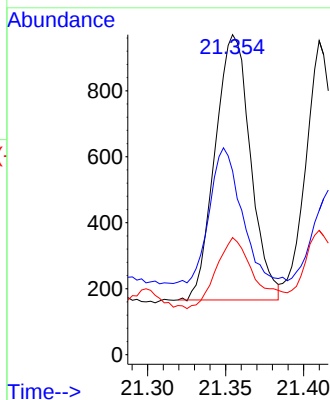
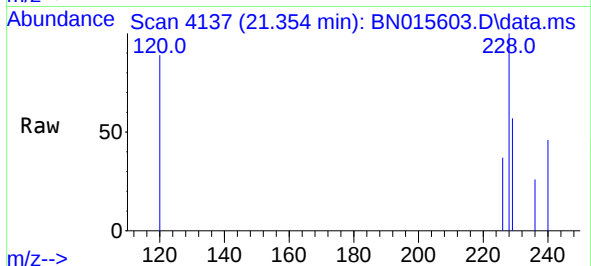
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Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.354 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:228 Resp: 1270
Ion Ratio Lower Upper
228 100
229 57.4 16.3 24.5#
226 36.6 22.6 33.8#

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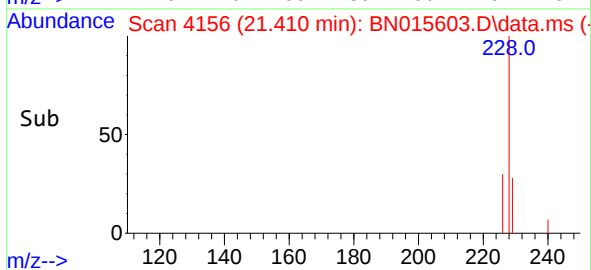
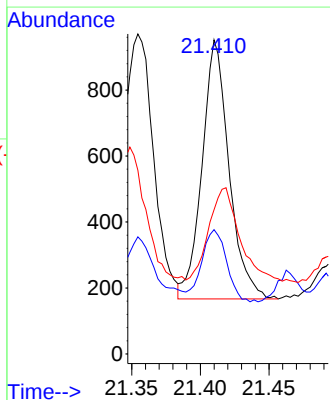
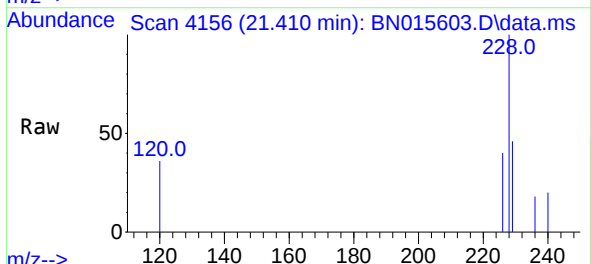
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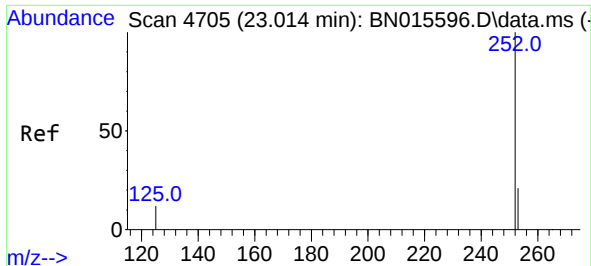
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#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.410 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:228 Resp: 1075
Ion Ratio Lower Upper
228 100
226 39.6 25.3 37.9#
229 45.9 16.2 24.4#





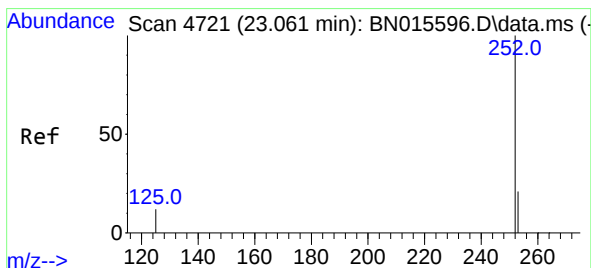
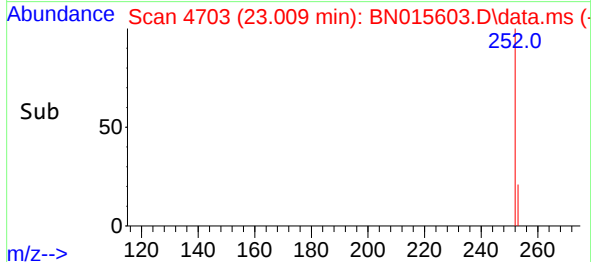
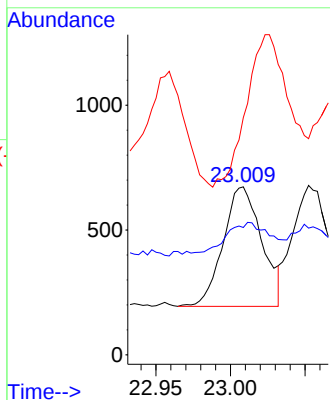
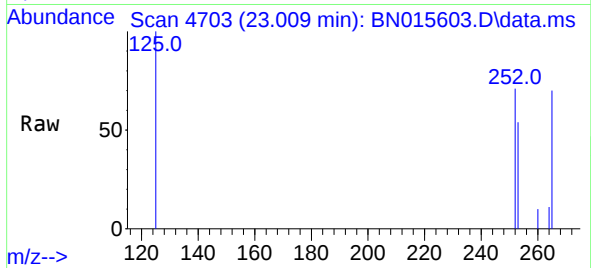
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Benzo(b)fluoranthene
Concen: 0.024 ng/ul
RT: 23.009 min Scan# 4703
Delta R.T. -0.006 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:252 Resp: 865
Ion Ratio Lower Upper
252 100
253 75.8 0.0 50.2#
125 141.3 0.0 19.4#

Instrument :
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ClientSampled :
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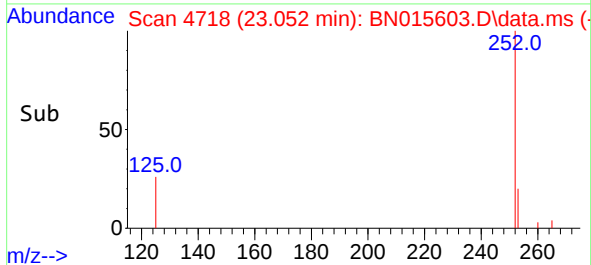
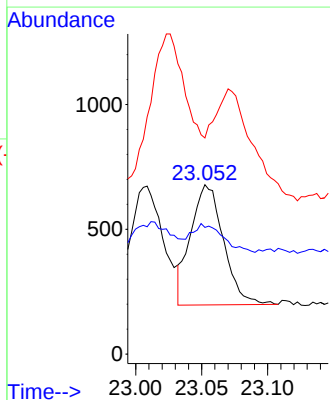
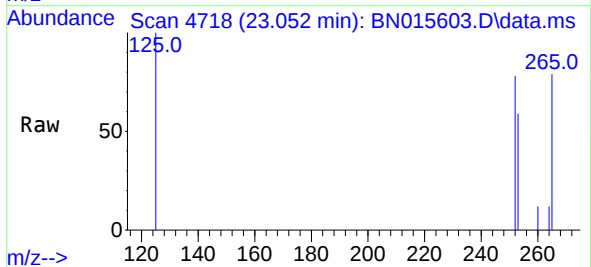
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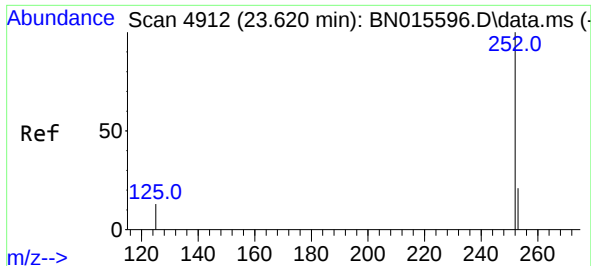
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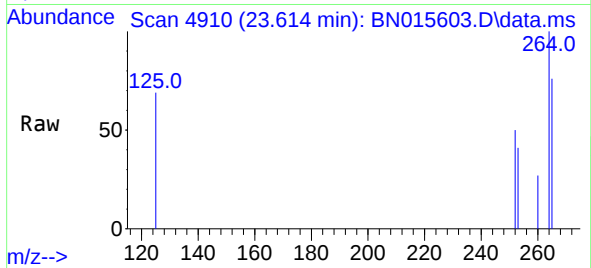
#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. -0.009 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

Tgt Ion:252 Resp: 834
Ion Ratio Lower Upper
252 100
253 74.8 20.5 30.7#
125 127.5 6.9 10.3#

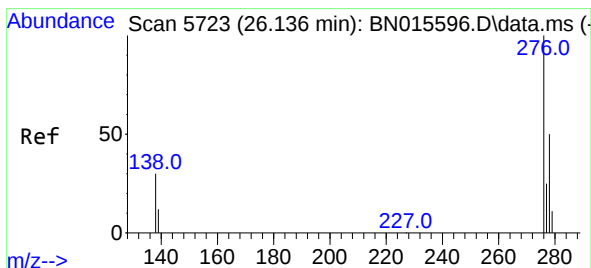
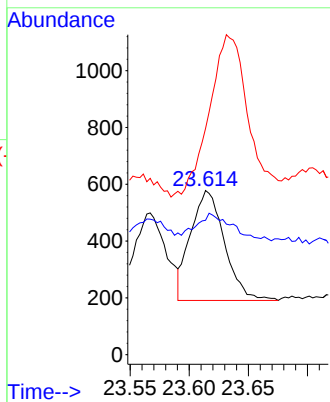
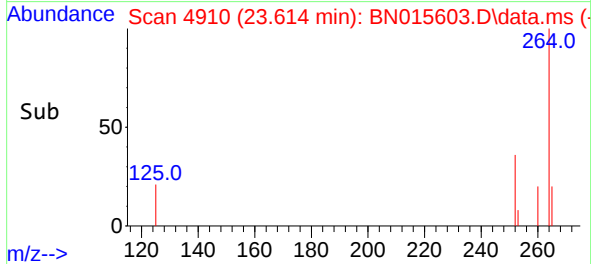




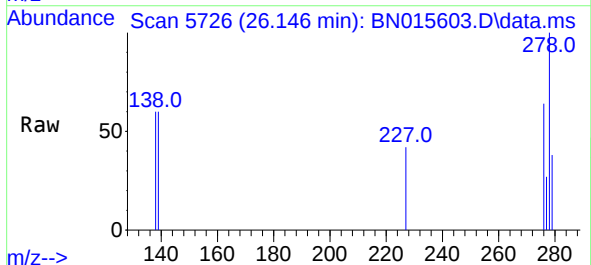
#26
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 23.614 min Scan# 4910
Delta R.T. -0.006 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23



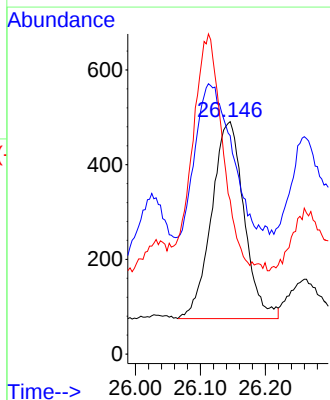
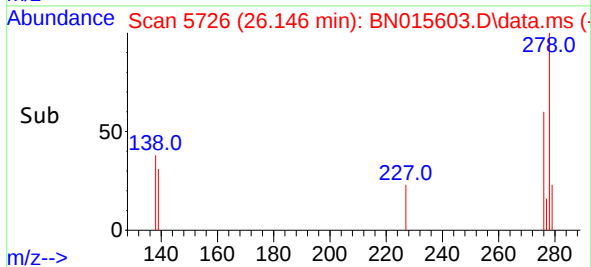
Tgt Ion:252 Resp: 770
Ion Ratio Lower Upper
252 100
253 81.8 23.0 34.6#
125 137.9 9.5 14.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.146 min Scan# 5726
Delta R.T. 0.010 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23



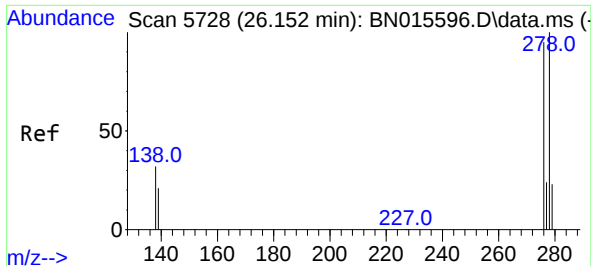
Tgt Ion:276 Resp: 1451
Ion Ratio Lower Upper
276 100
138 0.0 10.9 16.3#
227 0.0 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
DBK44

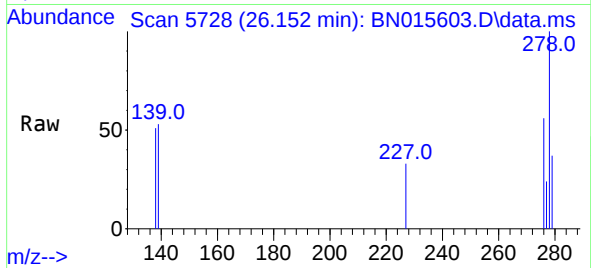
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#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.152 min Scan# 5728
Delta R.T. 0.000 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23

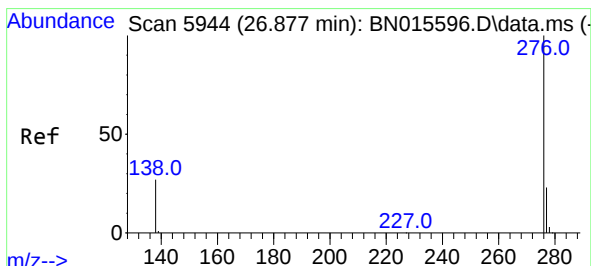
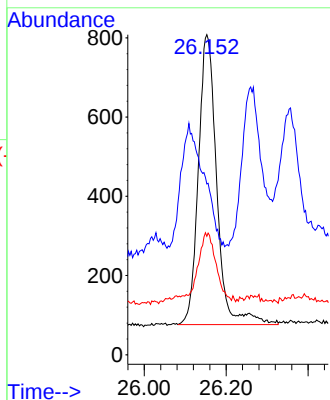
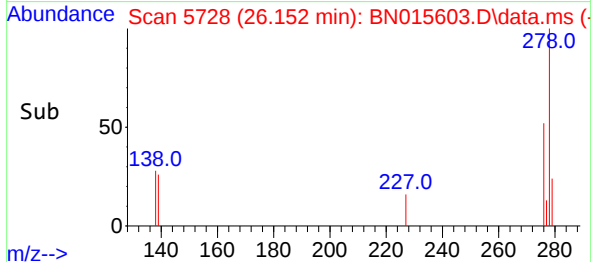
Instrument :
BNA_N
ClientSampled :
DBK44



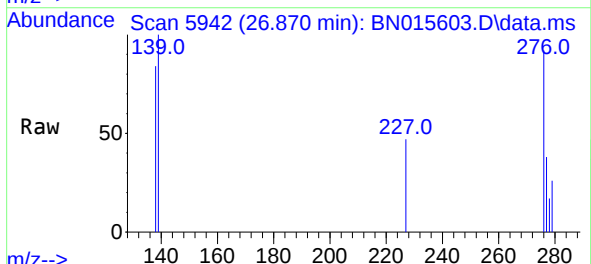
Tgt Ion:278 Resp: 2278
Ion Ratio Lower Upper
278 100
139 53.3 10.6 16.0#
279 37.0 22.6 34.0#

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#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.870 min Scan# 5942
Delta R.T. -0.007 min
Lab File: BN015603.D
Acq: 16 Jul 2021 19:23



Tgt Ion:276 Resp: 1387
Ion Ratio Lower Upper
276 100
138 91.2 11.5 17.3#
277 40.9 21.4 32.2#

